

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 1    | 10/657244.APP.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/19 16:10 |
| S2    | 97   | Fukuzawa-Naruto\$4.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/16 10:22 |
| S3    | 5040 | TDK adj corporation.as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/16 10:22 |
| S4    | 3    | S3 and (monomethine adj cyanine)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/16 10:23 |
| S5    | 54   | S3 and (optical near2 (disc or disk)) and (birefringe\$5 or (double near3 refract\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/16 10:50 |
| S6    | 7009 | (369/275.1-275.5).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/16 10:27 |
| S7    | 291  | S6 ((optical or laser or information) near3 (medium or media or disc or disk)) (substrat\$3 or strat\$3) organic\$3 (methine or cyanine) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/11/16 10:43 |

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|-----|------|---|--|-----|----|------------------|
| S8  | 32   | S6 ((optical or laser or information) near3 (medium or media or disc or disk)) (substrat\$3 or strat\$3) organic\$3 methine cyanine       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/16 10:44 |
| S9  | 50   | S6 and (indolenin\$3 benzothiazol\$3 quinolin\$3 benzimidazol\$3 benzoselenazol\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/11/16 10:49 |
| S10 | 49   | S6 and organic and quencher   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/11/16 10:49 |
| S11 | 316  | S6 and (optical near2 (disc or disk)) and (birefringe\$5 or (double near3 refract\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/11/16 13:06 |
| S12 | 2595 | (428/64.1-64.4).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/11/16 12:35 |
| S13 | 503  | S12 ((optical or laser or information) near3 (medium or media or disc or disk)) (substrat\$3 or strat\$3) organic\$3 (methine or cyanine) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/16 12:47 |
| S14 | 83   | S12 ((optical or laser or information) near3 (medium or media or disc or disk)) (substrat\$3 or strat\$3) organic\$3 methine cyanine      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/16 12:58 |

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|-----|------|--|--|-----|----|------------------|
| S15 | 147  | S12 and (indolenin\$3 benzothiazol\$3 quinolin\$3 benzimidazol\$3 benzoselenazol\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/11/16 13:05 |
| S16 | 53   | S12 (organic near (compound or cpd)) quencher  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/16 13:05 |
| S17 | 268  | S12 and (optical near2 (disc or disk)) and (birefringe\$5 or (double near3 refract\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/11/16 14:35 |
| S18 | 3819 | (430/270.13,270.14,270.19,320, 321).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/11/16 14:31 |
| S19 | 68   | S18 ((optical or laser or information) near3 (medium or media or disc or disk)) (substrat\$3 or strat\$3) organic\$3 methine cyanine | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/16 14:32 |
| S20 | 4    | S18 indolenin\$3 benzothiazol\$3 quinolin\$3 benzimidazol\$3 benzoselenazol\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/16 14:34 |
| S21 | 33   | S18 (organic near (compound or cpd)) quencher  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/11/16 14:34 |

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|-----|------|--|--|-----|-----|------------------|
| S22 | 76   | S18 and (optical near2 (disc or disk)) and (birefringe\$5 or (double near3 refract\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/11/16 14:39 |
| S23 | 49   | ((optical or laser or information) near3 (medium or media or disc or disk)) (substrat\$3 or strat\$3) organic\$3 (monomethine adj cyanine)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2007/11/16 14:37 |
| S24 | 18   | ("3509049"   "3671254"   "3729467"   "3745036"   "3752670"   "3772030"   "4225666"   "4225705"   "4232121"   "5411854"   "5460937").PN. OR ("6683188").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR  | ON  | 2007/11/16 14:38 |
| S25 | 1273 | (548/181).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/11/16 14:38 |
| S27 | 5    | S25 and (monomethine adj cyanine)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/11/16 14:39 |
| S28 | 12   | (optical near2 (disc or disk or medium)) and (birefringe\$5 or (double near3 refract\$4)) and (monomethine adj cyanine)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/11/16 14:40 |
| S29 | 9    | ("20030003261"   "20030031954"   "20030099807"   "20040214107"   "4735839"   "4735889"   "5316889"   "5316899"   "6242067").PN. OR ("7247417").URPN.         | US-PGPUB;<br>USPAT;<br>USOCR   | OR  | ON  | 2007/11/16 14:41 |

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|-----|------|--|--|-----|-----|------------------|
| S30 | 20   | ("3250780"   "4173483"   "4460665"   "4735889"   "4737427"   "4767693"   "4767696"   "4794068"   "4830874"   "4845021"   "4943515"   "4944980"   "4960679"   "5079061").PN. OR ("5316899").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR  | ON  | 2007/11/16 14:41 |
| S31 | 13   | ("4618561"   "4652514").PN. OR ("4767696").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR  | ON  | 2007/11/16 14:41 |
| S32 | 2    | JP-04074690-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/11/19 16:11 |
| S33 | 15   | ("4412231"   "4460665"   "4614705"   "4696892"   "4767693"   "4767696"   "4994343"   "5075147"   "5316899"   "5512416"   "5574715"   "5633106"   "5776656"   "5976658").PN. OR ("6727041").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR  | ON  | 2007/11/19 16:18 |
| S34 | 1273 | (548/181).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/11/20 08:19 |
| S35 | 2    | S34 ((optical or laser or information) near3 (medium or media or disc or disk)) (substrat\$3 or strat\$3) organic\$3 methine cyanine   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2007/11/20 08:19 |
| S36 | 18   | ("3509049"   "3671254"   "3729467"   "3745036"   "3752670"   "3772030"   "4225666"   "4225705"   "4232121"   "5411854"   "5460937").PN. OR ("6683188").URPN.                                     | US-PGPUB;<br>USPAT;<br>USOCR   | OR  | ON  | 2007/11/20 08:20 |